

Result No.	Query			DB	ID	Description
	Score	Match	%			
1	462.5	62.3	121	11	Q9NG4	mus musculus
2	437	58.9	119	4	Q9UL73	homo sapien
3	435.5	58.7	150	4	Q95973	homo sapien
4	429	57.8	597	4	Q9BU10	homo sapien
5	427	57.5	597	4	Q9BQB8	homo sapien
6	392.5	52.9	479	11	Q95M22	mus musculus
7	374	50.4	121	4	Q9UL96	homo sapien
8	346.5	46.7	122	4	Q9UL75	homo sapien
9	344.5	46.4	112	4	Q9HCC1	homo sapien
10	326	43.9	116	4	Q9UL93	homo sapien
11	323	43.5	113	4	Q9UL90	homo sapien
12	323	43.5	131	4	Q9UL88	homo sapien
13	321	43.3	121	4	Q9UL71	homo sapien
14	319.5	43.1	124	4	Q9UL92	homo sapien
15	318.5	42.9	147	4	Q9Y509	homo sapien
16	317.5	42.8	122	4	Q9UL84	homo sapien
17	317.5	42.8	487	11	Q99KA4	mus musculus
18	313.5	42.3	118	4	Q9UL72	homo sapien
19	311.5	42.0	124	6	Q9N0W6	oryzotolagus

QY	20	QVQLQESGFLVKP	PSOTLSLTCTVS	GFSLTSYGVY	VRPPGKGL	EWLGVI	AMG	TNTYN	79
Db	1	QVQLKESGFLVAP	SQSLSITCTVS	GFPLTSHGVS	VRPPGKGL	EWLGVI	MG	DKTKKH	60
QY	80	SALMSRLTISK	TSKDNQVSL	KSSVTA	ADTANY	YCARGP	PHAMK	RGYAMD	YWGQ
									TLVT
Db	61	SALISRLTISK	DNRSQVFL	KNLSQ	TEDTAT	YTCAR--	HYKY	ANYAMD	YWGQ
									SVT
QY	140	VSS	142						

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Db 118 VSS 120

RESULT 2
Q9UL73 PRELIMINARY; PRT; 119 AA.
AC Q9UL73;
DT 01-MAY-2000 (Tremblrel. 13, Created)
DT 01-MAY-2000 (Tremblrel. 13, Last sequence update)
DT 01-JUN-2001 (Tremblrel. 17, Last annotation update)
DE MYOSIN-REACTIVE IMMUNOGLOBULIN HEAVY CHAIN VARIABLE REGION (FRAGMENT).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE=98277139; PubMed=9614934;
RA Wu X., Liu B., Van der Merwe P.L., Kallis N.N., Berney S.M.,
PA Young D.C.;
BB "Myosin-reactive autoantibodies in rheumatic carditis and normal
fetus";
RL Clin. Immunol. Immunopathol. 87:184-192(1998).
CC -I- SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX
DOMAIN.
DR EMBL; AF035041; AAD56277.1; -.
DR InterPro; IPR003006; Ig_MHC.
DR InterPro; IPR003596; Ig_V.
DR Pfam; PF00047; Ig; 1.
DR SMART; SM00406; IG; 1.
DR NON_TER 119
FT NON_TER 119
SQ SEQUENCE 119 AA; 13219 MW; 1BDB86B6420EA0BE CRC64;

Query Match 58.9%; Score 437; DB 4; Length 119;
Best Local Similarity 69.3%; Pred. No. 2.6e-36;
Matches 88; Conservative 11; Mismatches 16; Indels 12; Gaps 2;

QY 20 QVQLQESGPGLVKPSQTSLSCTVSGFSLTSYGVYVWVQPPGKGLWGLVWAGGTTNN 79
Db 1 QVQLQESGPGLVKPSQTSLSCTVSGFSLTSYGVYVWVQPPGKGLWGLVWAGGTTNT 60
QY 80 SALMSFLTISKDTKNOVLSSTVTAADTAVYYCAR---GPPHAMKRGYAMDYWGQ 135
Db 61 PSLSKRTISVDRSKNQSLKSLTSLTAADTAVYFCARLSNWP-----YYEDYWGQ 112
QY 136 TLTVSS 142
Db 113 TLTVSS 119

RESULT 3
Q95973 PRELIMINARY; PRT; 150 AA.
AC Q95973;
DT 01-MAY-1999 (Tremblrel. 10, Created)
DT 01-MAY-1999 (Tremblrel. 10, Last sequence update)
DT 01-JUN-2001 (Tremblrel. 17, Last annotation update)
DE VH4 HEAVY CHAIN VARIABLE REGION PRECURSOR (FRAGMENT).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX Suh C.-H., Song C.-H., Lee C.-H., Lee S.-K.;
RT "Clonal proliferation of IgM secreting B cell in the synovium of
Behcet's patient with arthritis.";
RL Submitted (OCT-1998) to the EMBL/GenBank/DBJ databases.
CC -I- SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX
DOMAIN.

DR EMBL; AF103795; AAC79084.1; -.
DR HSP; P01825; 7EAB.
DR InterPro; IPR003006; Ig_MHC.
DR InterPro; IPR003596; Ig_V.
DR Pfam; PF00047; Ig; 1.
DR SMART; SM00406; IG; 1.
KW Signal.
FT SIGNAL 1 19 POTENTIAL.
FT CHAIN 20 >150 VH4 HEAVY CHAIN VARIABLE REGION.
FT NON_TER 150
SQ SEQUENCE 150 AA; 16315 MW; 85664E04938AA7C9 CRC64;

Query Match 58.7%; Score 435.5; DB 4; Length 150;
Best Local Similarity 64.6%; Pred. No. 4.8e-36;
Matches 93; Conservative 15; Mismatches 27; Indels 9; Gaps 3;

QY 1 MAVLVFLCLVAFPCVLSQVQLQESGPGLVKPSQTSLSCTVSGFSLTSYGVY--WVRQ 58
Db 1 MKHLWFFLLVAAPRWLSQVQLQESGPGLVKPSQTSLSCTVSGFSLTSYGVYWGVRQ 60
QY 59 PKKGLWGLVWAGGTTNNYNSALMSRLTISKDTKNOVLSSTVTAADTAVYYCARGP 118
Db 61 PPKGLWGLWISGSDYNNPNSLRSYVTSVDTSKNQSLSLSSVTAADTAVYYCAR-- 118
QY 119 PHAMKRGYAMDYWGQTLTVSS 142
Db 119 ----LGMF-AEDFWGHCTMTVTVSS 137

RESULT 4
Q9BU10 PRELIMINARY; PRT; 597 AA.
AC Q9BU10;
DT 01-JUN-2001 (Tremblrel. 17, Created)
DT 01-JUN-2001 (Tremblrel. 17, Last sequence update)
DT 01-JUN-2001 (Tremblrel. 17, Last annotation update)
DE UNKNOWN (PROTEIN FOR MGC:1652).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX TISSUE=LTPROMA;
RA Strausberg R.;
RL Submitted (FEB-2001) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC002963; AAH02963.1; -.
SQ SEQUENCE 597 AA; 65274 MW; 2DAFA8FB7E055851 CRC64;

Query Match 57.8%; Score 429; DB 4; Length 597;
Best Local Similarity 62.4%; Pred. No. 1e-34;
Matches 93; Conservative 12; Mismatches 32; Indels 12; Gaps 2;

QY 1 MAVLVFLCLVAFPCVLSQVQLQESGPGLVKPSQTSLSCTVSGFSLTSYGVYVWVQPP 60
Db 1 MKHLWFFLLVAAPRWLSQVQLQESGPGLVKPSQTSLSCTVSGFSLTSYGVYVWVQPP 60
QY 61 GKGLWGLVWAGGTTNNYNSALMSRLTISKDTKNOVLSSTVTAADTAVYYCARGP 120
Db 61 GKGLWGLWISGSDYNNPNSLRSYVTSVDTSKNQSLSLSSVTAADTAVYYCAR---- 116
QY 121 AMMKRG-----YAMDYWGQTLTVSS 142
Db 117 -VITRASPTDGRYGMVWGQTLTVTVSS 144

RESULT 5
Q9BQ8 PRELIMINARY; PRT; 597 AA.
AC Q9BQ8;
DT 01-JUN-2001 (Tremblrel. 17, Created)

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QY 119 PHAMKRGYA-MDYWGQGTLVTVSS 142

CLIN. IMMUNOL. IMMUNOPATHOL. 87:184-192 (1998)

RT	fetus, "	87.184-102/1000,
RL	Clip. Immuno]	Immunopathol

DB 61 ADSVKGRFTISRDNAKNSLYQMNSLRADETAVVYCAR-----RRYALDYGQGTIV 112

RESULT 10
Q9UL93 PRELIMINARY; PRT; 116 AA.

ID Q9UL93;
AC Q9UL93;
DT 01-MAY-2000 (Tremblrel. 13, Created)
DD 01-MAY-2000 (Tremblrel. 13, Last sequence update)
DE 01-JUN-2001 (Tremblrel. 17, Last annotation update)
OE MYOSIN-REACTIVE IMMUNOGLOBULIN HEAVY CHAIN VARIABLE REGION (FRAGMENT).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OCC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
[1]
RN SEQUENCE FROM N.A.
RP MEDLINE=98277139; PubMed=9614934;
RA Wu X., Liu B., Van der Merwe P.L., Kalis N.N., Berney S.M.,
RS Young D.C.;
RT "Myosin-reactive autoantibodies in rheumatic carditis and normal
TC fetus.";
TT Clin. Immunol. Immunopathol. 87:184-192(1998).
RL C.-I. SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX
CC DOMAIN.
DR EMBL; AF035021; AAD56257.1; -.
DR InterPro; IPR003006; Ig_MHC.
DR InterPro; IPR003596; Ig_V.
DR Pfam; PF00047; Ig_1.
DR SMART; SM00406; Igv; 1.
FT NON_TER 1
FT NON_TER 116 116
SQ SEQUENCE 116 AA; 12434 MW; ODA0348154BD6061 CRC64;

Query Match 43.9%; Score 326; DB 4; Length 116;
Best Local Similarity 52.0%; Pred. No. 3.le-25;
Matches 64; Conservative 21; Mismatches 30; Indels 8; Gaps 2;

QY 21 VQLQESPGVLKPSQTLSLTCTSGFSLTSGVYVWRPQPGKGLEWLGI-VAGGTTNN 79
 | | | | | | | | | | : | : | | | | | : | | | | | | | | | | : | |
Db 1 VLVESGGVVQPGSRSLRSLCAASGFFSSYAMHWVRQAPCKGLEWVAVISYDGSNKYYA 60
 | | | | | | | | | | : | : | | | | | : | | | | | | | | | | : | |
QY 80 SALMSRLTISKDTSKNQVSUHLKSVTAAADTAIVYICARGPPHAMMKRGYMDYWGQGLTVT 139
 :: | | | | | | | | | | : | : | | | | | | | | | | : | | | | | | |
Db 61 DSVKGRFTISRDNSKNTLYQMNSLRADETAMYCAGG-----GGIGLGVGWQGTILVT 113
 | | | | | | | | | | : | : | | | | | | | | | | : | | | | | | |

QY 140 VSS 142
 | | | |
Db 114 VSS 116

RESULT 11
Q9UL90 PRELIMINARY; PRT; 113 AA.

ID Q9UL90
AC Q9UL90;
DT 01-MAY-2000 (Tremblrel. 13, Created)
DD 01-MAY-2000 (Tremblrel. 13, Last sequence update)
DE 01-JUN-2001 (Tremblrel. 17, Last annotation update)
OE MYOSTN-REACTIVE IMMUNOGLOBULIN HEAVY CHAIN VARIABLE REGION (FRAGMENT).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OCC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
[1]
RN SEQUENCE FROM N.A.
RP MEDLINE=98277139; PubMed=9614934;
RA Wu X., Liu B., Van der Merwe P.L., Kalis N.N., Berney S.M.,
RS Young D.C.;
RT "Myosin-reactive autoantibodies in rheumatic carditis and normal
TC fetus.";
TT Clin. Immunol. Immunopathol. 87:184-192(1998).
RL C.-I. SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX
CC CC

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CC DOMAIN.
DR EMBL; AF035024; AAD56260.1; -.
DR InterPro; IPR003006; Ig_MHC.
DR Pfam; PF00047; Ig; 1.
DR SMART; SM00406; IGV; 1.
FT NON_TER 113
FT NON_TER 113
SQ SEQUENCE 113 AA; 12437 MW; ED57FDD19086D07F CRC64;

Query Match 43.5%; Score 323; DB 4; Length 113;
Best Local Similarity 50.8%; Pred. No. 6.1e-25;
Matches 63; Conservative 22; Mismatches 27; Indels 12; Gaps 2;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVWRQPPGKGLWGLVIA-WAGGTNY 78
Db :||| ||| ||| :||| ||| :||| :||| :||| :||| :||| :||| :||| :|||
1 EVQLVESGGGVVQPGGSLRSCAASGFTFSYGMHWVRQAPGKGLWVAFIRYDGSNKYY 60
: : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : |||
79 NSALMSRLTISKDTSKNOVSLKSSVTAADTAVYYCARGPPHAMMKRGYAMDYWGQGLV 138
61 ADSVGRFTISRDNKNTLYLQMNLSRAEDTAVYYCARD-----LNYWGQGLV 109
: : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : |||
QY 139 TVSS 142
Db ||||
110 TVSS 113

RESULT 12
Q9UL88 PRELIMINARY; PRT; 131 AA.
AC Q9UL88;
DT 01-MAY-2000 (TrEMBLrel. 13, Created)
DT 01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
DE MYOSIN-REACTIVE IMMUNOGLOBULIN HEAVY CHAIN VARIABLE REGION (FRAGMENT).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE=98277139; PubMed=9614934;
RA Wu X., Liu B., Van der Merwe P.L., Kalis N.N., Berney S.M.,
RA Young D.C.;
RT "Myosin-reactive autoantibodies in rheumatic carditis and normal
RT fetus.";
RL Clin. Immunol. Immunopathol. 87:184-192(1998).
CC -!- SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX
DOMAIN.
DR EMBL; AF035026; AAD56262.1; -.
DR InterPro; IPR003006; Ig_MHC.
DR Pfam; PF00047; Ig; 1.
DR SMART; SM00406; IGV; 1.
FT NON_TER 131
FT NON_TER 131
SQ SEQUENCE 131 AA; 14142 MW; 96E7D668E375DEA0 CRC64;

Query Match 43.5%; Score 323; DB 4; Length 131;
Best Local Similarity 50.4%; Pred. No. 7.2e-25;
Matches 66; Conservative 23; Mismatches 34; Indels 8; Gaps 2;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVWRQPPGKGLWGLVIA---GGTT 76
Db :||| ||| ||| :||| ||| :||| :||| :||| :||| :||| :||| :|||
1 EVQLVESGGGVVQPGGSLRSCAASGFTFSKAWMSVWRQAPGKGLWVGRIRKSKTDGGIT 60
: : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : |||
77 NYSALMSRLTISKDTSKNOVSLKSSVTAADTAVYYCARGPPHAMM-----KRGYAMDY 131
61 DYAPVAGRLTISRDNKNTLYLQMNLSKLTEDTAVYYCTGTITMIIIVITTSKRTSFYEY 120
: : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : |||
QY 132 WGQGLTVTVSS 142
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Db 121 WGQGLTVTVSS 131
|||||
RESULT 13
Q9UL71 PRELIMINARY; PRT; 121 AA.
AC Q9UL71;
DT 01-MAY-2000 (TrEMBLrel. 13, Created)
DT 01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
DE MYOSIN-REACTIVE IMMUNOGLOBULIN HEAVY CHAIN VARIABLE REGION (FRAGMENT).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE=98277139; PubMed=9614934;
RA Wu X., Liu B., Van der Merwe P.L., Kalis N.N., Berney S.M.,
RA Young D.C.;
RT "Myosin-reactive autoantibodies in rheumatic carditis and normal
RT fetus.";
RL Clin. Immunol. Immunopathol. 87:184-192(1998).
CC -!- SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX
DOMAIN.
DR EMBL; AF035043; AAD56279.1; -.
DR HSP; P01772; 2FB4.
DR InterPro; IPR003006; Ig_MHC.
DR Pfam; PF00047; Ig; 1.
DR SMART; SM00406; IGV; 1.
FT NON_TER 121
FT NON_TER 121
SQ SEQUENCE 121 AA; 13154 MW; 2F045CCFA5D50736 CRC64;

Query Match 43.3%; Score 321; DB 4; Length 121;
Best Local Similarity 50.8%; Pred. No. 1e-24;
Matches 63; Conservative 22; Mismatches 35; Indels 4; Gaps 2;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVWRQPPGKGLWGLVIA-GGTTNY 78
Db :||| ||| ||| :||| ||| :||| :||| :||| :||| :||| :||| :|||
1 EVQLVESGGGVVQPGGSLRSCAASGFTFDGYAMHWVRQAPGKGLWVSLISGDSGTTY 60
: : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : |||
79 NSALMSRLTISKDTSKNOVSLKSSVTAADTAVYYCARGPPHAMMKRGYAMDYWGQGLV 138
61 ADSVGRFTISRDNKNTLYLQMNLSRAEDTALYYCAKGVTTIYDR---FDIWGQGLTV 117
: : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : ||| : |||
QY 139 TVSS 142
Db ||||
118 TVSS 121

RESULT 14
Q9UL92 PRELIMINARY; PRT; 124 AA.
AC Q9UL92;
DT 01-MAY-2000 (TrEMBLrel. 13, Created)
DT 01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
DE MYOSIN-REACTIVE IMMUNOGLOBULIN HEAVY CHAIN VARIABLE REGION (FRAGMENT).
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RX MEDLINE=98277139; PubMed=9614934;
RA Wu X., Liu B., Van der Merwe P.L., Kalis N.N., Berney S.M.,
RA Young D.C.;
RT "Myosin-reactive autoantibodies in rheumatic carditis and normal
RT fetus.";
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us-09-772-103-10.rspt

Mon Jul 1 16:28:05 2002

61 AGSVKGRFTISRDNSKNTLYLQMTSLRVEDTAVVYCAKDGNV-FDSVGYVYAGIDYWGQG 119

Db 61 AGSVKGRFTISRDNSKNTLYLQMTSLRVEDTAVVYCAKDGNV-FDSVGYVYAGIDYWGQG 119
Qy 136 TLVTYSS 142
Db 120 TLVTYSS 126

Search completed: May 7, 2002, 12:08:26
Job time: 454 sec

RL Clin. Immunol. Immunopathol. 87:184-192(1998).

CC -1- SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX

CC DOMAIN

DR EMBL; AF035022; AAD56258.1; -

DR InterPro; IPR003006; Ig_MHC.

DR InterPro; IPR003596; Ig_v.

DR Pfam; PF00047; Ig; 1.

DR SMART; SM00406; IGV; 1.

FT NON_TER 1 124

FT NON_TER 124 124

SQ SEQUENCE 124 AA; 13580 MW; 1BAAACBD96ACD2A2 CRC64;

Query Match 43.1%; Score 319.5; DB 4; Length 124;
Best Local Similarity 49.2%; Pred. No. 1.5e-24;

Matches 63; Conservative 27; Mismatches 29; Indels 9; Gaps 3;

Qy 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLWLGVI-WAGGTINY 78

1 EVLVESGAEVKKPGASVKASGYTFSSYMHVVRQAPGQGLEWMGIINPSSGTSY 60

79 NSALMSRLTISKDTSKNOVSLKSLSSVTAADTAVVYCAARG----PPHAMKRGYAMDYWGQ 134

61 AQRFGQGVMTTRDTSTSTYMELSLSRSEDATVYVCARGLYVVVPAAPSR---FDYWGQ 116

Qy 135 GTLVTVSS 142

Db 117 GTLVTVSS 124

RESULT 15

Q9Y509 PRELIMINARY; PRT; 147 AA.

AC Q9Y509

DT 01-NOV-1999 (TREMBlrel. 12, Created)

DT 01-NOV-1999 (TREMBlrel. 12, Last sequence update)

DT 01-JUN-2001 (TREMBlrel. 17, Last annotation update)

DE VH3 PROTEIN (FRAGMENT).

GN VH3.

OS Homo sapiens (Human).

OC Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;

OC Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

OX NCBI_TaxID=9606;

RN [1]

SEQUENCE FROM N.A.

RA MEDLINE=96071149; PubMed=7475288;

RA Cao J., Vescio R.A., Rettig M.B., Hong C.H., Kim A., Lee J.C.,

Lichtenstein A.K., Berenson J.R.;

"A CD10-positive subset of malignant cells is identified in multiple

myeloma using PCR with patient-specific immunoglobulin gene primers."

RL Leukemia 9:1948-1953(1995).

CC -1- SIMILARITY: TO IMMUNOGLOBULIN AND MAJOR HISTOCOMPATIBILITY COMPLEX

CC DOMAIN.

DR EMBL; S80860; AAD14339.1; -

DR HSP; P01772; 2FB4.

DR InterPro; IPR003006; Ig_MHC.

DR InterPro; IPR003596; Ig_v.

DR Pfam; PF00047; Ig; 1.

DR SMART; SM00406; IGV; 1.

FT NON_TER 1

SQ SEQUENCE 147 AA; 15768 MW; 8489FCAAA7BC925C CRC64;

Query Match 42.9%; Score 318.5; DB 4; Length 147;

Best Local Similarity 50.4%; Pred. No. 2.3e-24;

Matches 64; Conservative 24; Mismatches 34; Indels 5; Gaps 3;

Qy 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLWLGVI-WAGGTINY 78

1 EVLVESGAEVKKPGASVKASGYTFSSYMHVVRQAPGQGLEWMGIINPSSGTSY 60

79 NSALMSRLTISKDTSKNOVSLKSLSSVTAADTAVVYCAARGPPHAMKRGY---AMDYWGQ 135

Qy 135 GTLVTVSS 142

Db 117 GTLVTVSS 124